

#2



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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/829,495

DATE: 04/30/2002
TIME: 10:06:52

Input Set : A:\7853234999.app
Output Set: N:\CRF3\04302002\I829495.raw

4 <110> APPLICANT: Busfield SJ
 5 Villeval J
 6 Jandrot-Perrus M
 7 Vainchenker W
 8 Gill DS
 9 Qian MD
 11 <120> TITLE OF INVENTION: GLYCOPROTEIN VI AND USES THEREOF
 13 <130> FILE REFERENCE: 7853-234
 15 <140> CURRENT APPLICATION NUMBER: 09/829,495
 16 <141> CURRENT FILING DATE: 2001-04-09
 18 <150> PRIOR APPLICATION NUMBER: 09/610,118
 19 <151> PRIOR FILING DATE: 2000-06-30
 21 <150> PRIOR APPLICATION NUMBER: 09/503,387
 22 <151> PRIOR FILING DATE: 2000-02-14
 24 <150> PRIOR APPLICATION NUMBER: 09/454,824
 25 <151> PRIOR FILING DATE: 1999-12-06
 27 <150> PRIOR APPLICATION NUMBER: 09/345,468
 28 <151> PRIOR FILING DATE: 1999-06-30
 30 <160> NUMBER OF SEQ ID NOS: 78
 32 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 34 <210> SEQ ID NO: 1
 35 <211> LENGTH: 2047
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Homo sapiens
 39 <400> SEQUENCE: 1
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 41 tctgtcttgg gctgtgtctg gggcggtgtc cagcgcagag tggaccgctc cccaaggccct 120
 42 ccctccagtc tctgcccagc tccctgggtc ccctggagaa gccagtgacc ctccggtgcc 180
 43 agggacacctcc gggcggtggac ctgtaccgcc tggagaagct gagttccagc agttaccagg 240
 44 atcaggcagt cctcttcatac ccggccatga agagaagtct ggctggacgc taccgctgct 300
 45 cctaccagaaa cggaaggctc tggccctgc ccagcgacca gctggagctc gttgccacgg 360
 46 gagttttgc caaacccctcg ctctcagcccc agcccgccccc ggcgggtgtcg tcaggagggg 420
 47 acgtaaccct acagtgtcag actcggtatg gctttgacca atttgccttg tacaaggaag 480
 48 gggaccctgc gccctacaag aatcccggaga gatgggtaccg ggcttagttc cccatcatca 540
 49 cggtgaccgc cgccccacagc ggaacctacc gatgtacag cttctccagc agggacccat 600
 50 acctgtggtc ggccccccagc gaccccttgg agcttgtggt cacaggaacc tctgtgaccc 660
 51 ccagccgggtt accaacagaa ccaccccttcccg cggttagcaga attctcagaa gccaccgctg 720
 52 aactgaccgt ctcattcaca aacaaagtct tcacaactga gacttcttagg agtatcacca 780
 53 ccagtccaaa ggagtccagac tctccagctg gtccctggcccg ccagtactac accaaggggca 840
 54 acctggtccg gatatgcctc ggggctgtga tcctaataat cctggggggg tttctggcag 900
 55 aggactggca cagccggagg aagcgccctgc ggcacagggg cagggctgtg cagaggccgc 960
 56 ttccggccctt gccggccctc ccgcagaccc ggaatcaca cgggggtcag gatggaggcc 1020
 57 gacaggatgt tcacagccgc gggttatgtt catgaccgct gaaccccaagg cacggtcgta 1080

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58	tccaaaggag ggatcatggc atgggaggcg actcaaagac tggcgtgtgt ggagcgtgga	1140
59	agcaggaggg cagaggctac agctgtggaa acgaggccat gtcgcctcct cctgggttgc	1200
60	catcaggaggg ccgttcggcc agtgtctgtc tgtctgtctg cctctctgtc tgagggcacc	1260
61	ctccatttgg gatggaaagga atctgtggag accccatcct cttccctgtca cactgtggat	1320
62	gacatggta cctggctgga ccacatactg gccttcttct tcaacctctc taatatgggc	1380
63	tccagacgga tctctaaggt tcccagctt caggggttgc tctgttccat cctctgtgca	1440
64	aaatcctcct gtgcttccct ttggccctct gtgcttctgt ctggtttcc ccaagaaactc	1500
65	tcaccctcac tccatctccc actgcggctc aacaaatctc cttcgtctc tcagaacggg	1560
66	tcttcggc agtttggta tgtcattcat tttccttagt gtaaaaacttag cacgttgccc	1620
67	gcttccttc acattagaaa acaagatcag cctgtcaac atggtaaac ctcatctcta	1680
68	ccaacaaaac aaaaaaacac aaaaatttgc caggtgtggt ggtgcattccc tataactccca	1740
69	gcaactcggg gggctgaggt gggagaatgg cttgagcctg ggagggcagag gttgcagtga	1800
70	gctgagatca caccactgca ctctagctcg ggtgacgaag cctgaccttgc tctcaaaaaaa	1860
71	tacagggatg aatatgtcaa ttaccctgtat ttgatcatag cacgttgcatacatgtactg	1920
72	caatatttgc gtccacccca taaatatgtt caattatgtt tacattttta aaatcataaaa	1980
73	aataagataa tgaaaaaaaaaaaaaaa aaaaaaaaggc cggcccgcta gactagtcta	2040
74	gagaaca	2047
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78	<212> TYPE: DNA	
79	<213> ORGANISM: Homo sapiens	
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84	gagaagccag tgaccctccg gtgccaggaa cctccggcgt tggacctgtt cccgcctggag	180
85	aagctgagtt ccagcaggta ccaggatcag gcagtcctct tcatccccc catgaagaga	240
86	agtctggctg gacgctaccg ctgcttctac cagaacggaa gcctctggc cctgcccagc	300
87	gaccagctgg agctcggttc cacgggagtt tttgccaaac cctcgctctc agcccgcccc	360
88	ggcccgccgg tgcgtcagg aggggacgta accctacagt gtcagactcg gtatggctt	420
89	gaccaatttgc ctctgtacaa ggaaggggac cctgcgcctt acaagaatcc cgagagatgg	480
90	taccgggcta gtttcccat catcacggtg accggccccc acagcggAAC ctaccgatgc	540
91	tacagcttct ccagcaggaa cccatactgt tggcgcgc ccaagcggacc cctggagctt	600
92	gtggtcacac gAACCTCTGT gaccccccacg cggttaccaa cagaaccacc ttccctcggtt	660
93	gcagaatttgc cagaagccac cgctgaactg accgtctcat tcacaaacaa agtcttcaca	720
94	actgagactt ctaggagttt caccaccagt ccaaaggagt cagactctcc agtggctt	780
95	gcccggccagt actacaccaa gggcaacctg gtccggatat gcctcgggc tgcgtatccta	840
96	ataatcctgg cggggttctt ggcagaggac tggcacagcc ggaggaagcg cctgcggcac	900
97	aggggcaggg ctgtcagag gccgttccg cccctgcgc ccctcccgca gacccggaaa	960
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101	<211> LENGTH: 339	
102	<212> TYPE: PRT	
103	<213> ORGANISM: Homo sapiens	
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107	1 5 10 15	
108	Arg Val Pro Ala Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala	
109	20 25 30	
110	Leu Pro Ser Ser Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys	

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111      35          40          45
112 Gln Gly Pro Pro Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser
113      50          55          60
114 Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg
115      65          70          75          80
116 Ser Leu Ala Gly Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp
117      85          90          95
118 Ser Leu Pro Ser Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala
119      100         105         110
120 Lys Pro Ser Leu Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly
121      115         120         125
122 Asp Val Thr Leu Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala
123      130         135         140
124 Leu Tyr Lys Glu Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp
125      145         150         155         160
126 Tyr Arg Ala Ser Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly
127      165         170         175
128 Thr Tyr Arg Cys Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser
129      180         185         190
130 Ala Pro Ser Asp Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr
131      195         200         205
132 Pro Ser Arg Leu Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser
133      210         215         220
134 Glu Ala Thr Ala Glu Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr
135      225         230         235         240
136 Thr Glu Thr Ser Arg Ser Ile Thr Thr Ser Pro Lys Glu Ser Asp Ser
137      245         250         255
138 Pro Ala Gly Pro Ala Arg Gln Tyr Tyr Thr Lys Gly Asn Leu Val Arg
139      260         265         270
140 Ile Cys Leu Gly Ala Val Ile Leu Ile Ile Leu Ala Gly Phe Leu Ala
141      275         280         285
142 Glu Asp Trp His Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala
143      290         295         300
144 Val Gln Arg Pro Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys
145      305         310         315         320
146 Ser His Gly Gly Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly
147      325         330         335
148 Leu Cys Ser
151 <210> SEQ ID NO: 4
152 <211> LENGTH: 20
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 4
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159 Arg Val Pro Ala
160      20
162 <210> SEQ ID NO: 5
163 <211> LENGTH: 319

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164 <212> TYPE: PRT
 165 <213> ORGANISM: Homo sapiens
 167 <400> SEQUENCE: 5
 168 Gln Ser Gly Pro Leu Pro Lys Pro Ser Leu Gln Ala Leu Pro Ser Ser
 169 1 5 10 15
 170 Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
 171 20 25 30
 172 Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser Ser Arg Tyr Gln
 173 35 40 45
 174 Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
 175 50 55 60
 176 Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
 177 65 70 75 80
 178 Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
 179 85 90 95
 180 Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
 181 100 105 110
 182 Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Glu
 183 115 120 125
 184 Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser
 185 130 135 140
 186 Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
 187 145 150 155 160
 188 Tyr Ser Phe Ser Ser Arg Asp Pro Tyr Leu Trp Ser Ala Pro Ser Asp
 189 165 170 175
 190 Pro Leu Glu Leu Val Val Thr Gly Thr Ser Val Thr Pro Ser Arg Leu
 191 180 185 190
 192 Pro Thr Glu Pro Pro Ser Ser Val Ala Glu Phe Ser Glu Ala Thr Ala
 193 195 200 205
 194 Glu Leu Thr Val Ser Phe Thr Asn Lys Val Phe Thr Thr Glu Thr Ser
 195 210 215 220
 196 Arg Ser Ile Thr Thr Ser Pro Lys Glu Ser Asp Ser Pro Ala Gly Pro
 197 225 230 235 240
 198 Ala Arg Gln Tyr Tyr Lys Gly Asn Leu Val Arg Ile Cys Leu Gly
 199 245 250 255
 200 Ala Val Ile Leu Ile Leu Ala Gly Phe Leu Ala Glu Asp Trp His
 201 260 265 270
 202 Ser Arg Arg Lys Arg Leu Arg His Arg Gly Arg Ala Val Gln Arg Pro
 203 275 280 285
 204 Leu Pro Pro Leu Pro Pro Leu Pro Gln Thr Arg Lys Ser His Gly Gly
 205 290 295 300
 206 Gln Asp Gly Gly Arg Gln Asp Val His Ser Arg Gly Leu Cys Ser
 207 305 310 315
 209 <210> SEQ ID NO: 6
 210 <211> LENGTH: 41
 211 <212> TYPE: PRT
 212 <213> ORGANISM: Homo sapiens
 214 <400> SEQUENCE: 6
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216 1 5 10 15
217 Ser Ser Arg Tyr Gln Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys
218 20 25 30
219 Arg Ser Leu Ala Gly Arg Tyr Arg Cys
220 35 40
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223 <211> LENGTH: 47
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <400> SEQUENCE: 7
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229 1 5 10 15
230 Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser Phe
231 20 25 30
232 Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
233 35 40 45
235 <210> SEQ ID NO: 8
236 <211> LENGTH: 19
237 <212> TYPE: PRT
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 8
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242 1 5 10 15
243 Phe Leu Ala
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247 <211> LENGTH: 249
248 <212> TYPE: PRT
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 9
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254 Leu Val Pro Leu Glu Lys Pro Val Thr Leu Arg Cys Gln Gly Pro Pro
255 20 25 30
256 Gly Val Asp Leu Tyr Arg Leu Glu Lys Leu Ser Ser Ser Arg Tyr Gln
257 35 40 45
258 Asp Gln Ala Val Leu Phe Ile Pro Ala Met Lys Arg Ser Leu Ala Gly
259 50 55 60
260 Arg Tyr Arg Cys Ser Tyr Gln Asn Gly Ser Leu Trp Ser Leu Pro Ser
261 65 70 75 80
262 Asp Gln Leu Glu Leu Val Ala Thr Gly Val Phe Ala Lys Pro Ser Leu
263 85 90 95
264 Ser Ala Gln Pro Gly Pro Ala Val Ser Ser Gly Gly Asp Val Thr Leu
265 100 105 110
266 Gln Cys Gln Thr Arg Tyr Gly Phe Asp Gln Phe Ala Leu Tyr Lys Glu
267 115 120 125
268 Gly Asp Pro Ala Pro Tyr Lys Asn Pro Glu Arg Trp Tyr Arg Ala Ser
269 130 135 140
270 Phe Pro Ile Ile Thr Val Thr Ala Ala His Ser Gly Thr Tyr Arg Cys
271 145 150 155 160

VERIFICATION SUMMARY
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